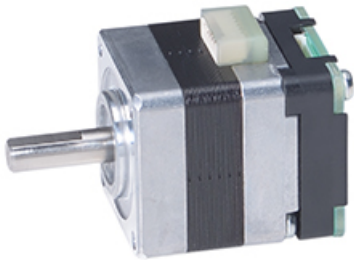


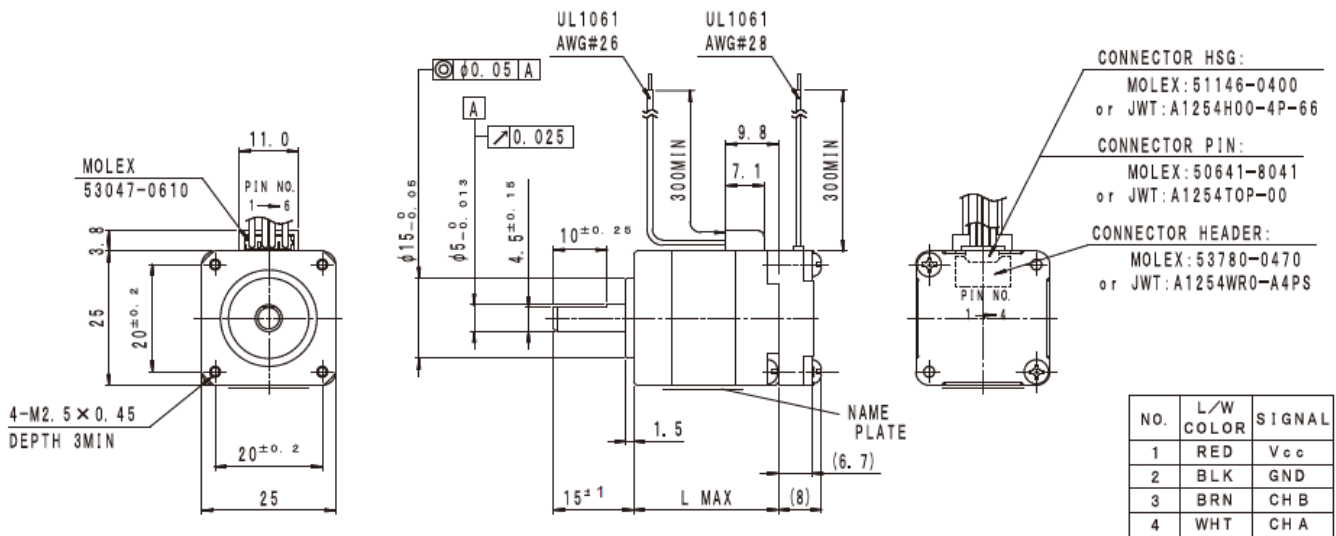
A10PM(IG Series)

2024/02/28

Appearance



Overall View



Wiring Diagram Image

ユニポーラ結線図 UNI POLAR Wiring Connection Diagram

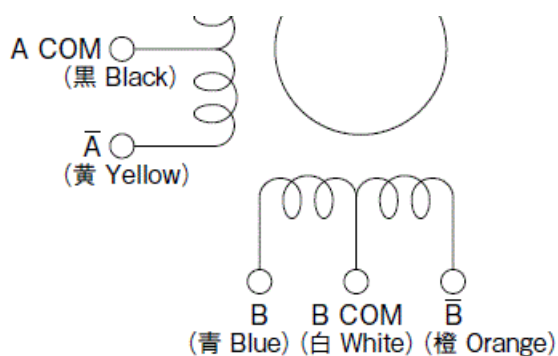


ミネベアミツミ株式会社

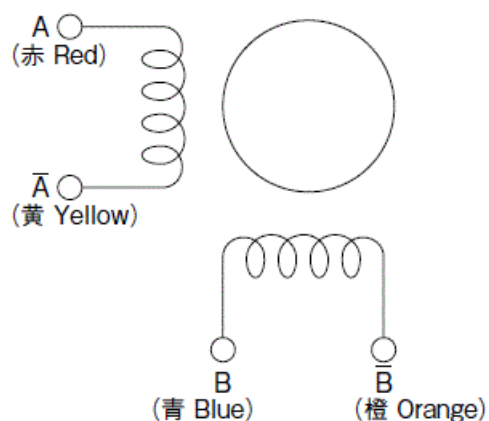
Copyright©MinebeaMitsumi Inc. All right reserved.

A10PM(IG Series)

2024/02/28



■ バイポーラ結線図 BI POLAR Wiring Connection Diagram



Specifications

Model	Outer Diameter [mm]	Step Angle [°]	Drive Sequence	Rated Current [A]	Resistance [ohms]	Holding Torque [mN · m]
A10PMK202B	25.0	1.800	BI-POLAR	0.70	3.80	33
A10PMK013B	25.0	1.800	BI-POLAR	0.21	47.00	49
A10PMK701B	25.0	1.800	BI-POLAR	0.63	5.80	62
A10PMK106B	25.0	1.800	BI-POLAR	1.00	3.00	90
A10PMK406B	25.0	1.800	BI-POLAR	1.00	3.80	120

Model	Inductance [mH]	Rotor Inertia [g · cm ²]	Detent Torque [mN · m]	Encoder Resolution [CPR]	Mass [g]
A10PMK202B	2.0	2.0	2.0	400	65
A10PMK013B	30.0	3.0	2.5	400	80

A10PM(IG Series)

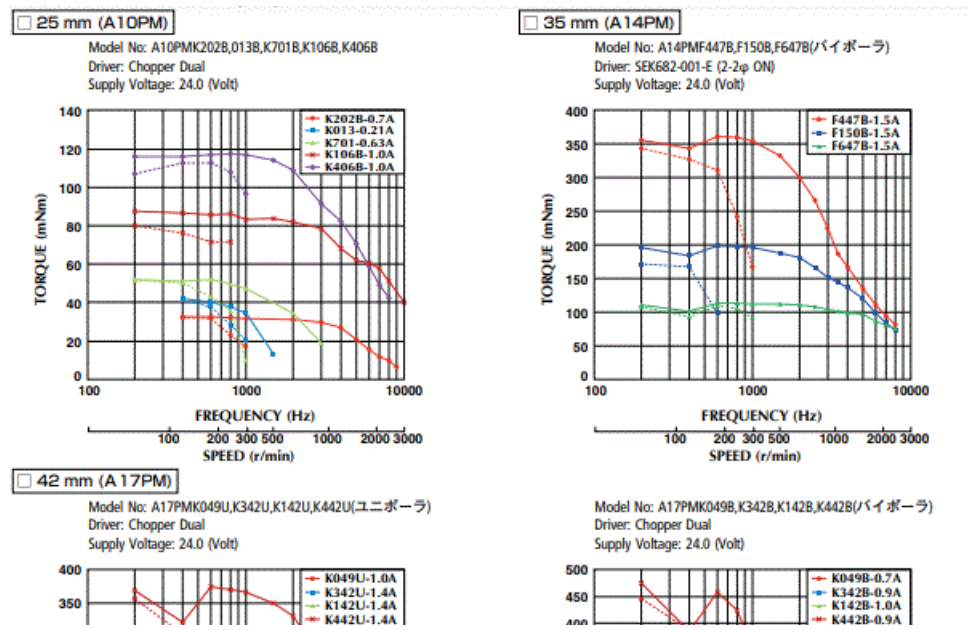
2024/02/28

Model	50.0	5.0	2.5	400	100
A10PMK701B	5.4	5.0	3.0	400	100
A10PMK106B	2.5	8.0	4.0	400	120
A10PMK406B	3.6	12.0	5.0	400	160

Encoder Specifications

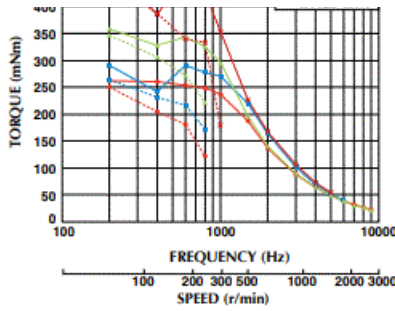
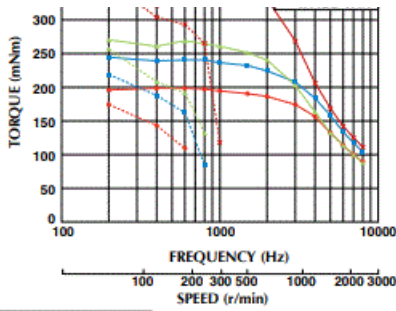
Item	specifications
ENCODER TYPE	INCREMENTAL
DETECTION METHOD	REFLECTIVE SURFACE
OUTPUT SEAL	A, B (TWO CHANNEL)
RESOLUTION	400 CPR
SUPPLY VOLTAGE	DC 5V ± 0.5 V
OUTPUT VOLTAGE	-0.5V to +5.5V
WAVE FORM	RECTANGLE WAVE
COUT FREQUENCY	30 kHz MAX.

Torque/Speed Characteristics



A10PM(IG Series)

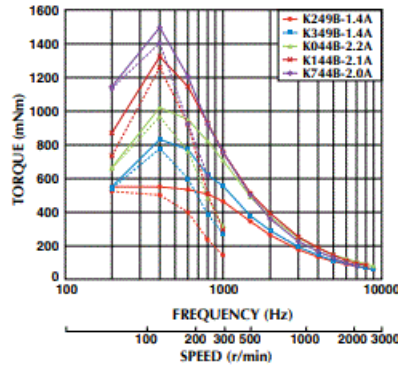
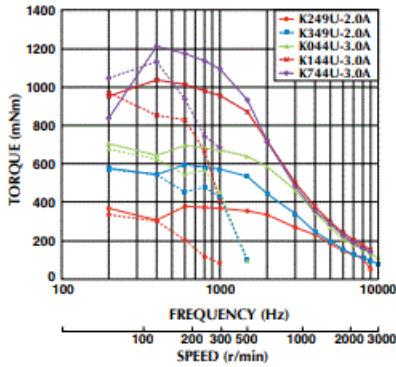
2024/02/28



56 mm (A23KM)

Model No: A23KM, K249U, K349U, K044U, K144U, K744U (ユニボーク)
 Driver: Chopper Dual
 Supply Voltage: 24.0 (Volt)

Model No: A23KM, K249B, K349B, K044B, K144B, K744B (バイボーク)
 Driver: Chopper Dual
 Supply Voltage: 24.0 (Volt)



— : PULL OUT
 ---- : PULL IN

- トルク特性は当社測定による参考データで、保証値ではありません。また、条件が変化すると、特性が変化する場合があります。
- Torque/Speed characteristics are for reference only and it may change when operated at different drive conditions.
- このカタログに掲載している製品の性能及び仕様は、改訂の旨予告なく変更することがありますのでご了承ください。
- Specifications are subject to change without notice.

Case Studies

We can customize to meet your various requests! [Stepping motors]